



DEFAULT CACHE SETTINGS

- › Default Timeout = 60 min
- › Last Access Timeout = 30 min
- › Reap Frequency = 1 min
- › Max Objects = 100
- › JVM Threshold = 1% Free
- › Eviction Policy = LRU
- › useLastAccess = True

FRAMEWORK DEFAULTS

- › LogFileEncoding = ISO-8859-1
- › LogFileMaxSize = 5000kb
- › LogsMaxArchives = 5
- › DefaultFileCharSet = ISO-8859-1
- › DefaultLogDirectory = logs
- › Default Event Name = event
- › MessageboxStorage = session
- › FlashURLPersisScope = session

CORE PLUGINS

- › applicationstorage
- › beanFactory
- › cfcViewer
- › clientstorage
- › cookiestorage
- › i18n
- › ioc
- › JavaLoader
- › logger
- › messagebox
- › methodInjector
- › MTLogger
- › queryHelper
- › renderer
- › resourceBundle
- › sessionstorage
- › StringBuffer
- › timer
- › Utilities
- › webservice
- › XMLParser
- › zip

CORE INTERCEPTORS

- › environmentControl
- › executionTracer
- › ses
- › autowire
- › security

APPLICATION STRUCTURE

- ➔ config
- ➔ handlers
- ➔ interceptors
- ➔ layouts
- ➔ logs
- ➔ model
- ➔ plugins
- ➔ views
- ✦ Application.cfc
- ✦ index.cfm
- ✦ coldboxproxy.cfc

URL ACTIONS (INDEX.CFM?)

- › fwreinit=1
- › fwreinit={reinitPassword}
- › debugmode=true
- › debugpass={DebugPass}
- › fwcache=anything
- › dumpvar=varlist
- › debugpanel={panel}

DEBUG PANELS

- › cache
- › cacheviewer
- › profiler

SES ROUTES

- ›:handler/:action?/:id?
- › Tips
- › ? = optional
- ›:var-numeric Numeric Route
- ›:var Alphanumeric Route

PLUGINS-INTERCEPTORS-HANDLER

- › announceInterception(state,[interceptData])
- › getColdBoxOCM()
- › getController()
- › getDataSource(alias)
- › getDebugMode()
- › getfwLocale()
- › getInterceptor(interceptorClass)
- › getMailSettings()
- › getMyPlugin(plugin,[newInstance])
- › getPlugin(plugin,[customPlugin],[newInstance])
- › getResource(resource)
- › getSetting(name,[fwSetting])
- › getSettingsBean()
- › getSettingStructure([fwSetting],[DeepCopyFlag])
- › htmlhead(content)
- › Include(template)
- › includeUDF(udfLibrary)
- › persistVariables(persist)
- › relocate(url,[addToken])
- › renderExternalView(view)
- › renderView([view],[cache],[Timeout],[LastAccessTimeout])
- › runEvent(event,[prepostExempt],[private])
- › setDebugMode(mode)
- › setNextEvent(event,[queryString],[addToken],[persist])
- › setNextRoute(route,[persist])
- › setSetting(name,value)
- › settingExists(name,[fwSetting])
- › throw(message,[detail],[type])
- › dump(var)
- › abort()

CONTROLLER COMMON METHODS

- › getAppRootPath()
- › getColdboxOCM()
- › getColdboxSettings()
- › getConfigSettings()
- › getPlugin(plugin,[customPlugin],[newInstance])
- › getRequestService()
- › getInterceptorService()
- › getDebuggerService()
- › getExceptionService()
- › getSettingStructure([fwSetting],[DeepCopyFlag])
- › getSetting(name,[fwSetting])
- › persistVariables(persist)
- › runEvent(event,[prepostExempt],[private])
- › settingExists(name,[fwSetting])
- › setSetting(name,value)
- › setNextEvent(event,[queryString],[addToken],[persist])
- › setNextRoute(route,[persist])

COLDBOX CACHE COMMON METHODS

- ✦ All timeouts are in minutes
- ✦ async defaults to true

- › clearAllEvents([async])
- › clearAllView([async])
- › clearByKeySnippet(keySnippet,[regex],[async])
- › clearEvent(eventSnippet,[queryString],[async])
- › clearKey(objectKey)
- › clearView(viewSnippet,[async])
- › expireAll([async])
- › expireByKeySnippet(keySnippet,[regex],[async])
- › expireKey(objectKey)
- › get(objectKey)
- › getCacheStats()
- › getItemTypes()
- › getObjectPool()
- › getpool_metadata()
- › getSize()
- › lookup(objectKey)
- › set(objectKey,MyObject,[Timeout],[LastAccessTimeout])
- › reap()

CUSTOM PLUGIN METHODS

- › Init()
- › getPluginPath

CUSTOM PLUGIN PROPERTIES (ALL HAVE GET/SET)

- › pluginName
- › pluginDescription
- › pluginVersion

INTERCEPTOR METHODS

- › Configure()
- › getProperties(properties)
- › setProperties()
- › getProperty(name)
- › setProperty(name,value)
- › propertyExists(name)
- › Unregister(state)

INTERCEPTION POINTS

- › afterConfigurationLoad, afterAspectsLoad
- › sessionStart, SessionEnd
- › preProcess, postProcess
- › preEvent, postEvent
- › preRender, postRender
- › afterHandlerCreation(handlerPath,oHandler)
- › afterPluginCreation(pluginPath,oPlugin)
- › afterCacheElementInsert(cacheObjectKey,cacheObjectTimeout)
- › afterCacheElementRemoved(cacheObjectKey)

REQUEST CONTEXT COMMON METHODS (RECEIVED AS EVENT)

- › buildLink(linkto)
- › clearCollection()
- › collectionAppend(collection,[overwrite])
- › getCollection([DeepCopyFlag])
- › getCurrentAction()
- › getCurrentEvent()
- › getCurrentHandler()
- › getCurrentLayout()
- › getCurrentView()
- › getDefaultLayout()
- › getDefaultView()
- › getEventName()
- › getFolderLayouts()
- › getSelf()
- › getSESBaseURL()
- › getSize()
- › getValue(name,[default])
- › getTrimValue(name,[default])
- › getViewLayouts()
- › isProxyRequest()
- › isNoRender()
- › isSES()
- › NoRender([remove])
- › overrideEvent(event)
- › paramValue(name,value)
- › renderData(type, data, contentType)
- › removeValue(name)
- › setLayout(name)
- › setValue(name,value)
- › setView(name,[noLayout],[cache],[cacheTimeout],[cacheLastAccessTimeout])
- › valueExists(name)
- › showDebugPanel(boolean)



CACHE CONFIG ELEMENTS

- › **ObjectDefaultTimeout** = Minutes
- › **ObjectDefaultLastAccessTimeout** = Minutes
- › **UseLastAccessTimeouts** = Boolean
- › **MaxObject** = Integer (0 = Unlimited)
- › **ReapFrequency** = Minutes
- › **FreeMemoryPercentageThreshold** = Integer Percentage (0 = Unlimited)
- › **EvictionPolicy** = LFU or LRU

CONFIG SETTINGS

- › AppMapping
- › **Appname**
- › ApplicationStartHandler
- › CustomErrorTemplate
- › CustomEmailBugReport
- › ColdboxLogsLocation
- › ConfigAutoReload
- › DebugMode
- › DebugPassword
- › **DefaultEvent**
- › EventName
- › ExceptionHandler
- › EnableBugReports
- › EnableColdfusionLogging
- › EnableDumpVar
- › EnableColdboxLogging
- › EventCaching
- › HandlersIndexAutoReload
- › HandlersExternalLocation
- › HandlerCaching
- › IOCFramework
- › IOCDefinitionFile
- › IOCObjectCaching
- › MessageboxStyleOverride
- › MyPluginsLocation
- › onInvalidEvent
- › **OwnerEmail**
- › ProxyReturnCollection
- › RequestStartHandler
- › RequestEndHandler
- › RequestContextDecorator
- › ReinitPassword
- › SessionStartHandler
- › SessionEndHandler
- › UDFLibraryFile
- › FlashURLPersistScope
- › ***BOLD = Required**

CONFIG ELEMENTS

- › YourSettings
 - › Setting @name @value
- › CustomConventions
 - › handlersLocation
 - › pluginsLocation
 - › layoutLocation
 - › viewsLocation
 - › eventAction
- › DebuggerSettings
- › MailServerSettings
- › BugTracerReports>BugEmail
- › WebServices>WebService
 - › @name, @URL
- › Layouts
 - › DefaultLayout
 - › DefaultView
 - › Layout @name @file
 - › View
 - › Folder
- › 118n
 - › DefaultResourceBundle
 - › DefaultLocale
 - › LocaleStorage
- › DataSource>Datasource
 - › @alias, @name, @dbtype, @username, @password
- › Interceptors
 - › CustomInterceptionPoints
 - › Interceptor @class
 - › Property @name

APPLICATION,SESSION,CLIENT STORAGE PLUGINS

- › **clearAll()** *
- › **deleteVar**(name)
- › **exists**(name)
- › **getStorage()** *
- › **getVar**(name, [default])
- › **setVar**(name, value)

* Clientstorage excluded

BEANFACTORY PLUGIN

- › **create**(bean, [callInitFlag=false])
- › **populateBean**(FormBean)
- › **populateFromJson**(FormBean, JSONString)
- › **populateFromStruct**(FormBean, memento)
- › **populateFromQuery**(FormBean, qry, RowNumber)
- › **Autowire**(target, [useSetterInjection], [annotationCheck], [onDICompleteUDF], [debugmode])

CFC VIEWER

- › **buildLink**(package)
- › **buildRootLink**()
- › **getaCFC()**
- › **getaPacks()**
- › **getCFCMetaData**(cfcName)
- › **getDirPath()**
- › **getLinkBaseURL()**
- › **getLinkString()**
- › **getLinkType()**
- › **getLstAccessTypes()**
- › **getRenderingTemplate()**
- › **getRootPath()**
- › **getStyleSheet()**
- › **renderit()**
- › **setup**(dirpath, [accessTypeFilter], [dirLink], [jsLink], [RenderingTemplate], [LinkBaseURL])

COOKIESTORAGE PLUGIN

- › **setVar**(name, value, [expires=1])
- › **deleteVar**(name)
- › **exists**(name)
- › **get/setEncryption()**
- › **get/setEncryptionAlgorithm()**
- › **get/setEncryptionEncoding()**
- › **get/setEncryptionKey()**
- › **getVar**(name, [default])
- › **setVar**(name, value, [expires])

IOC PLUGIN

- › **configure()**
- › **getBean**(beanName)
- › **getExpandedIOCDefinitionFile()**
- › **getIOCDefinitionFile()**
- › **getIOCFactory()**
- › **getIOCFramework()**
- › **reloadDefinitionFile()**

RESOURCEBUNDLE PLUGIN

- › **formatRBString**(rbString, substituteValues)
- › **getRBKeys**(rbFile, [rbLocale])
- › **getRBString**(rbFile, rbKey, [rbLocale])
- › **getResource**(resource)
- › **getResourceBundle**(rbFile, [rbLocale])
- › **loadBundle**(rbFile, [rbLocale])
- › **messageFormat**(thisPattern, args, [thisLocale])
- › **setupInstance()**
- › **verifyPattern**(pattern)

JAVALOADER PLUGIN

- › **create**(className)
- › **getURLClassLoader()**
- › **getVersion()**
- › **setup**(loadPaths, [loadColdfusionClassPath=false], [parentClassLoader=])

JSON PLUGIN

- › **decode**(data)
- › **encode**(data, [queryFormat], [queryKeyCase], [stringNumbers], [formatDate], [columnListFormat])

LOGGER & MTLOGGER PLUGIN

- › **logEntry**(Severity, Message, [ExtraInfo])
- › **logError**(Message, [ExceptionStruct], [ExtraInfo])
- › **removeLogFile()**
- › **tracer**(message, [extraInfo])
- › **getValidSeverities()**

MESSAGEBOX PLUGIN

- › **Append**(message), **appendArray**(messageArray)
- › **clearMessage()**, **getMessage()**, **isEmpty()**
- › **renderit**([clearFlag])
- › **setMessage**(type, [message], [messageArray])

METHODINJECTOR PLUGIN

- › **injectMixin**(UDF)
- › **injectPropertyMixin**(propertyName, propertyValue, [scope])
- › **invokerMixin**(method, [argCollection], [argList])
- › **removeMixin**(UDFName)
- › **removePropertyMixin**(propertyName, [scope])
- › **start**(CFC), **stop**(cfc)

QUERYHELPER PLUGIN

- › **doInnerJoin/doLeftOuterJoin**(qryLeft, qryRight, LeftJoinColumn, RightJoinColumn, OrderByElement, [caseSensitive])
- › **doQueryAppend**(qryFrom, qryTo)
- › **filterQuery**(qry, field, value, cfsqtype)
- › **getColumnArray**(qry, columnName)
- › **getCountDistinct**(qry, columnName)
- › **getRowNumber**(qry, columnValue, ColumnName)
- › **sortQuery**(qry, sortBy, sortOrder)

RENDERER PLUGIN

- › **purgeView**(view)
- › **renderExternalView**(view)
- › **renderLayout()**
- › **renderView**([view], [cache], [cacheTimeout], [cacheLastAccessTimeout])

TIMER PLUGIN

- › **getTimerScope()**
- › **logTime**(label, tickcount)
- › **Start**(label)
- › **Stop**(label)

WEBSERVICES PLUGIN

- › **getWS**(name)
- › **getWSObj**(name)
- › **refreshWS**(webservice)



DEBUGGER ELEMENTS

- ›PersistentRequestProfiler = true
- ›maxPersistentRequestProfilers = 10
- ›maxRCPanelQueryRows = 50
- ›InfoPanel @show=true @expanded=true
- ›TracerPanel @show=true @expanded=true
- ›CachePanel @show=true @expanded=false
- ›RCPanel @show=true @expanded=false

CFECLIPSE SNIPPETS

- ›buildlink
- ›cfcunittest
- ›configcache
- ›controller
- ›Customplugin
- ›ehm (event handler method)
- ›exists
- ›filterquery
- ›get
- ›getbean
- ›getc - getcollection
- ›getd - getdatasource
- ›getm - getMyPlugin
- ›getp - getPlugin
- ›getr - getResource
- ›gets - getSetting
- ›getself
- ›getsesbase
- ›Intercept - announceIntercept
- ›loge - logerror
- ›logentry
- ›logtime
- ›mbclear - messagebox
- ›mbget - messagebox
- ›mbisempty - messagebox
- ›mbrender -messagebox
- ›mbset - messagebox
- ›mxunittest
- ›newconfig
- ›newevent
- ›newhandler
- ›newinterceptor
- ›newtest
- ›next - setnextevent
- ›Nextroute - setnextroute
- ›ocm
- ›over - override event
- ›param
- ›persist
- ›Popbean -populatebean
- ›rc
- ›rce - rc external
- ›rem - removeValue
- ›ren - renderview
- ›run - run event
- ›sesbase
- ›set
- ›setl - setlayout
- ›sets - set setting
- ›settinge - setting exists
- ›setv - set view
- ›sortquery
- ›timerstart
- ›timerstop
- ›tracer
- ›wsget
- ›wsrefresh

IMPLICIT EVENTS

- ›preHandler
- ›postHandler
- ›onDIComplete
- ›onMissingAction

UTILITIES PLUGIN

- | | | |
|---|---|---|
| <ul style="list-style-type: none">›isCFUUID(inStr)›isEmail(str)›isURL(str)›Sleeper(milliseconds)›createArray(str)›createStruct(str)›getOSFileSeparator()›getOSPathSeparator()›getOSName()›getInetHost()›checkCharSet(charset) | <ul style="list-style-type: none">›getIPAddress()›getJavaRuntime()›getJavaVersion()›getJVMFreeMemory()›getJVMTotalMemory()›FileLastModified(filename)›ripExtension(filename)›createFile(filename)›FileCanWrite(filename)›FileCanRead(filename)›isFile(filename) | <ul style="list-style-type: none">›appendFile(file,contents,[charset],[checkCharSet])›FileSize(filename,sizeFormat)›readFile(file,[binary],[charset],[checkCharSet])›saveFile(file,contents,[charset],[checkCharSet])›removeFile(filename)›isDirectory(filename)›getAbsolutePath(path)›isSSL() |
|---|---|---|

STRINGBUFFER PLUGIN

- ›Append(strIn)
- ›Capacity()
- ›Delete(startPos,endPost)
- ›getString()
- ›getStringBuffer()
- ›indexOf(inStr,fromPos)
- ›insertStr(offset,inStr)
- ›lastIndexOf(inStr,fromPos)
- ›Length()
- ›replaceStr(startPos,endPos, inStr)
- ›reverseStr()
- ›setLength(newLength)
- ›Setup(strIn,BufferLen)
- ›subString(startPos,endPos)

SES INTERCEPTOR PROPERTIES

- ›configFile : relative or absolute routes file

SES ROUTES

- ›setEnabled(true or false) : [default=true]
 - ›setUniqueURLs(true or false) : [default=false]
 - ›setBaseURL(url)
 - ›addCourse(pattern, [handler],[action])
-
- ›:varname = alphanumeric route
 - ›:varname-numeric = numeric route
 - ›/blog/entry/:year-numeric/:month-numeric
 - ›/wiki/:pagename

ZIP PLUGIN

- ›AddFiles(zipFilePath, [files],[directory],[filter],[recurse],[compression],[savePaths])
- ›DeleteFiles(zipFilePath, files)
- ›Extract(zipFilePath, [extractPath],[extractFiles],[useFolderNames],[overwriteFiles]
- ›FileList(directory, [filter], [recurse])
- ›gzipAddFile(gzipFilePath, filePath)
- ›gzipExtract(gzipFilePath, [extractPath])
- ›List(zipFilePath)
- ›PathFormat(path)

AUTOWIRE INTERCEPTOR PROPERTIES

- ›debugMode : [boolean=false]
- ›completeDIMethodName : [string=onDIComplete]

ENVIRONMENTCONTROL INTERCEPTOR PROPERTIES

- ›configFile : relative or absolute file location
- ›fireOnInit : [boolean=true]

SECURITY INTERCEPTOR PROPERTY

- ›useRegex : [boolean=true]
- ›useRoutes : [boolean = false]
- ›debugMode : [boolean=false]
- ›rulesSource : [string=xml, db, ioc, ocm]
- ›queryChecks : [boolean=true]
- ›validator : [classpath]
- ›validatorIOC : [bean name]

REQUESTSERVICE

- ›getContext()

INTERCEPTORSERVICE

- ›processState(state,interceptData)
- ›registerInterceptor([interceptorClass],[interceptorObject],[interceptorProperties], [customPoints])
- ›getInterceptor(InterceptorClass)
- ›appendInterceptionPoints(customPoints)
- ›getInterceptionPoints()
- ›getInterceptionStates()
- ›getStateContainer(state)
- ›Unregister(interceptorClass, state)

DEBUGGERSERVICE

- ›getDebugMode()
- ›setDebugMode(debugMode)